

ATMI-221-DIV 4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:		_	
U.S. PATENT	6,379,748 B1	Certificat	ò
Patentees:	Gautam Bhandari, et al.	(NUV 0 2 200)	
Application No.:	09/483,859	of Correction	์ ว
Date Filed:	January 17, 2000) Group Art Unit: 1762	•
Title: Tantalum Amide Precursors For Deposition of Tantalum Nitride on a Substrate))	

I hereby certify that this Request for Certificate of Correction is being deposited with the U.S. Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 26, 2004.

> Lee Ann DiLello (Typed or printed name of person mailing paper or fee)

> > Signature of person mailing paper or fee)

SUBMISSION OF CERTIFICATE OF CORRECTION UNDER THE PROVISIONS OF 37 CFR § 1.322 AND 35 USC § 254 FOR U.S. PATENT NO. 6,379,748 B1

Certificate of Corrections Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed is a Certificate of Correction submitted under the provisions of 35 U.S.C. § 254, to correct errors of the Patent and Trademark Office in the printing of the above-identified U.S. Patent.

ATMI-221-DIV

Customer ID No.: 25559

Applicant does not believe that any fee is due in connection with the foregoing. However, any deficiencies may be charged to the deposit account 50-0860.

Date: October 26, 2004

Respectfully submitted,

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Approved for use through 6/30/99. OMB 0651-0033

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO:

6,379,748 B1

DATED:

April 30. 2002

INVENTOR(S): Gautam Bhandar, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 4, line 1, replace "(v)" with -- (vi) --;

Column 4, line 28, after "Si(Ph)3" delete "Si(SiMe3)x(Me)3-x"

Column 4, line 30, replace "(ix) with the following:

 $-- (ix) \quad (Cp^n) \\ Ta(SiR_1R_2R_3)_X (NR_4R_5) \\ 4-_X \\ / (Cp^n)_2 \\ Ti(SiR_1R_2R_3)(NR_4R_5) \\ --;$

Column 4, line 31 replace "can any be" with - - can be any - -;

Column 9, line 41, after "compositions," delete " R_{14} " and substitute - - R_{1-4} --;

Column 13, line 34, cancel the formula and substitute:

- $Ta(N(R_1)(CH_2)_xN(R_2))_y(NR_3R_4)_{5-2y--}$

Column 14, line 14, after "alkyl" insert a --, -- (comma);

Column 14, line 22, after "alkyl" insert a - -, - - (comma).

MAILING ADDRESS OF SENDER:

PATENT NO. 6,379,748 B1

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